

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 55022615  
PUBLICATION DATE : 18-02-80  
APPLICATION DATE : 04-08-78  
APPLICATION NUMBER : 53094560

AL

D1

APPLICANT : UBE IND LTD;

INVENTOR : NAKAMURA TAKAHITO;

INT.CL. : C07D317/54

TITLE : PREPARATION OF PIPERONAL

ABSTRACT : PURPOSE: To prepare piperonal useful as a raw material for cosmetics, perfumes, medicines, agricultural chemicals, etc., and brighteners for metal plating, in high conversion and selectivity, by oxidizing piperonyl alcohol with O<sub>2</sub> in a basic aqueous medium in the presence of a platinum group metal catalyst.

Pt

incl. air

CONSTITUTION: Piperonal is prepared by oxidizing piperonyl alcohol with O<sub>2</sub>- containing gas in a basic aqueous medium in the presence of a platinum group metal catalyst, preferably a platinum group metal catalyst and an inorganic acid salt of a metal selected from lead, bismuth, silver and tin. The platinum group metal catalyst is pref. platinum and palladium. Coexistence of an inorganic acid salt of a metal selected from lead, bismuth, silver and tin, improves the conversion and the selectivity.

USE: Base for heliotrope perfume.

COPYRIGHT: (C)1980,JPO&Japio

nei ref. examples were made Pt (, Pd, Rh, Ru) also SALI

BEST AVAILABLE COPY